

Geodesy Division Business Meeting

Wednesday 25.4.2012

Markku Poutanen

President of Geodesy Division

Agenda

- EGU 2012, Geodesy statistics
- Sessions 2012, call for sessions 2013
- Vening-Meinesz medal
- EGU Outstanding Young Scientists award in Geodesy
- EGU Outstanding Student Poster Award in Geodesy
- Organization of G Division; elections
- Publication and topical conferences
- AOB



EGU General Assembly 2012 Facts

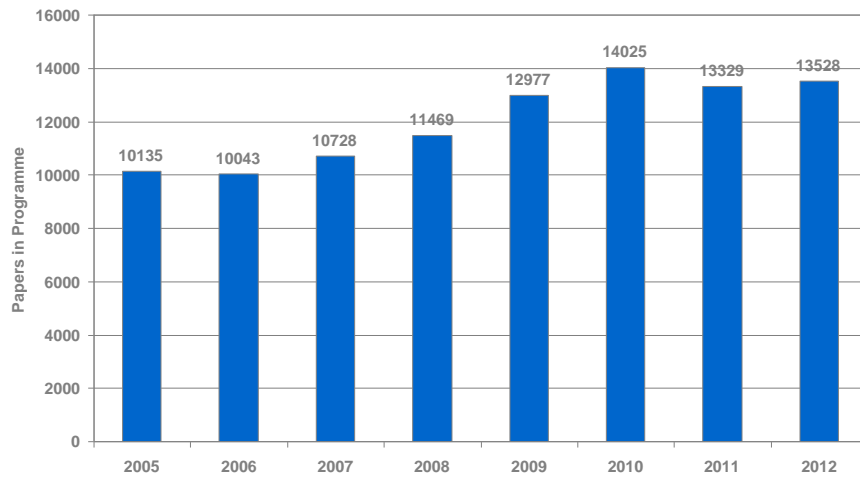
As of 19 April, the Assembly 2012 provides:

- 13,528 Papers in Programme | +1.5% (2011)
- 4,436 Orals | 9,092 Posters | Ratio 33 / 67
- 530 unique scientific Sessions | 157 PSD Sessions | 165 Side Events*
- 8,743 Registrations in Advance (thereof 8,639 already paid) | +14.9% (2011)

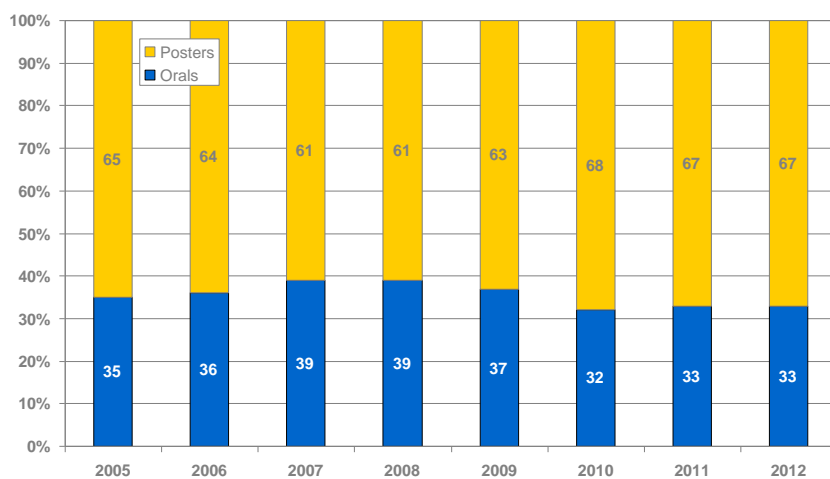


*Side Events include: GDB, EG, EOS, ML, KL, SPM, DBM, EBM, UM

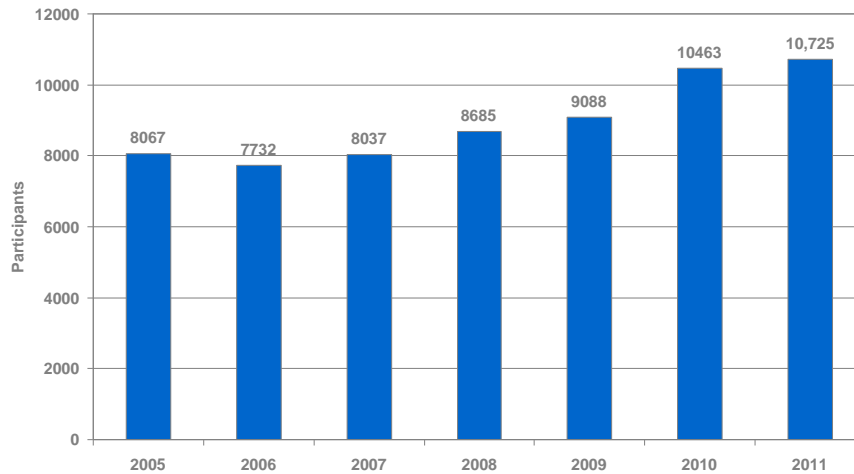
Papers in Programme 2005–2012



Oral/Poster Ratio 2005–2012



Participants at EGU Assemblies 2005–2011



Programme Group		Lead Sessions			Co-org. Sessions			Total	
		#Abs.	%	#Ses.	#Abs.	#Ses.	#Abs.	#Ses.	
AS	Atmospheric Sciences	1,139	8%	31	644	21	1,783	52	
BG	Biogeosciences	623	5%	27	300	12	923	39	
CR	Cryospheric Sciences	402	3%	17	56	2	458	19	
EMRP	Earth Magnetism & Rock Physics	214	2%	11	87	4	301	15	
CL	Climate: Past, Present, Future	1,102	8%	35	397	13	1,499	48	
ERE	Energy, Resources and the Environment	419	3%	14	75	3	494	17	
ESSI	Earth & Space Science Informatics	195	1%	10	82	4	278	14	
G	Geodesy	366	3%	13	202	7	568	20	
GD	Geodynamics	404	3%	17	589	19	993	36	
GI	Geosciences Instrumentation & Data Systems	255	2%	11	56	2	311	13	
GM	Geomorphology	522	4%	21	367	11	889	32	
GMPV	Geochemistry, Mineralogy, Petrology & Volcanology	642	5%	22	489	18	1,131	40	
HS	Hydrological Sciences	1,714	13%	65	303	11	2,017	76	
IO	Isotopes in Geosciences: Instrumentation and Applications	139	1%	5	88	3	227	8	
NH	Natural Hazards	1,024	8%	41	398	13	1,422	54	
NP	Nonlinear Processes in Geophysics	416	3%	23	278	9	694	32	
OS	Ocean Sciences	518	4%	16	243	8	761	24	
PS	Planetary & Solar System Sciences	455	3%	17	200	10	655	27	
SM	Seismology	476	4%	18	556	20	1,032	38	
SSP	Stratigraphy, Sedimentology & Palaeontology	237	2%	12	151	5	388	17	
SSS	Soil System Sciences	901	7%	35	192	6	1,093	41	
ST	Solar-Terrestrial Sciences	349	3%	15	131	4	480	19	
TB	Tectonics & Structural Geology	817	6%	27	746	29	1,563	56	

2008: 403
 2009: 482
 2010: 385
 2011: 449
 2012: 366



Sessions

	Mo	Tu	We	Th	Fr	
1	6.3	5.1	5.3	4.1	2.3	8:30-10
2		5.1	5.2	4.1	2.3	10:30-12
L			BM			
3	5.4	5.5	1.2	4.1	meet EGU	13:30-15
4		3.1	1.1	4.2	14:30-15:15	15:30-17
Posters	5.1, 5.4, 6.3	3.1, 5.2, 5.3, 5.5	1.1, 1.2	2.1, 2.3, 4.1, 4.2		17:30-19
E				VM medal lecture		19-20
	2=75 seats	BM = Geodesy business meeting				
	17=120 seats					
	18=500 seats					
	D=700 seats					



EGU Geodesy Sessions 2012

		oral blocks /		room
		# abstr	# orals	
G1.1	Geodetic Theory	25	1 / 7	2
G1.2	Mathematical methods...	22	1 / 6	2
G2.1	GGOS	21	1 / 6	17
G2.3	ITRF	33	2 / 13	17
G3.1	GIA	22	1 / 6	17
G4.1	Gravity field	51	3 / 18	D
G4.2	GRACE, GOCE	55	3 / 18	D
G5.1	Earth rotation variability	30	2 / 12	18
G5.2	Mass transport	26	1 / 7	17
G5.3	signal/artefact GNSS	22	1 / 7	17
G5.4	water vapor	27	1 / 7	18
G5.5	Ionosphere	19	1 / 6	17
G6.3	Central europe	15	1 / 6	2



Call for sessions 2013

- Skeleton to be based on success sessions 2012
- Proposals by mid-September 2012
 - No overlapping or similar topics; to be merged
 - Actual topics
 - Realistic topics to attract enough contributions
 - Number of sessions reasonable?
- Program committee: division president, vice presidents + 1-2 others to cover the whole field of geodesy



Vening Meinesz Medal

This medal has been established by the Division on Geodesy in recognition of the scientific achievements of [Vening Meinesz](#).

It will be awarded by the European Geosciences Union for distinguished research in Geodesy.



Previous Vening Meinesz medallists

Vening Meinesz Medallists

 2012 <u>Che-Kwan Shum</u>	 2011 <u>Harald Schuh</u>	 2010 <u>Philip L. Woodworth</u>
 2009 <u>Susanna Zerbini</u>	 2008 <u>Carl-Christian Tscherning</u>	 2007 <u>Thomas Herring</u>
 2006 <u>Gerhard Beutler</u>	 2005 <u>Martine Feissel-Vernier</u>	 2004 <u>John Wahr</u>



2012 Vening Meinesz Medal: **C.K. Shum**

The 2012 Vening Meinesz Medal is awarded to Che-Kwan Shum for his pioneering work on the recent developments in geodetic techniques that have made profound contributions to the Earth Sciences through the precise measurement of mass transports within the Earth system.



Division Medal Ceremony and the Medal Lecture will be on Thursday, 26.4. 19:00-20 Room 12.

WELCOME



Division Outstanding Young Scientists Award

- The Division Outstanding Young Scientist Award recognizes scientific achievements in the field covered by the related Division, made by a young scientist.



2012 Geodesy Division Young Scientist Award to **Dr Xavier Collilieux**

The 2012 Division Outstanding Young Scientists Award is awarded to Xavier Collilieux for his significant contributions towards improved methods and procedures in computing global terrestrial reference frames and for his studies of surface loading effects therein.



WELCOME Xavier to give a short presentation!



EGU Outstanding Student Poster (OSP) Award

“... to further improve the overall quality of poster presentations and, most importantly, to foster the excitement of younger colleagues in presenting their work in form of a poster.”

Awarded in Divisions, based on evaluation of Judges during the poster sessions.

The awardees receive a conference fee waiver for the next EGU General Assembly and are invited to submit a paper free of publication costs to one of the [EGU journals](#). At the business meeting of the respective division held at the next General Assembly, each awardee receives an award certificate.



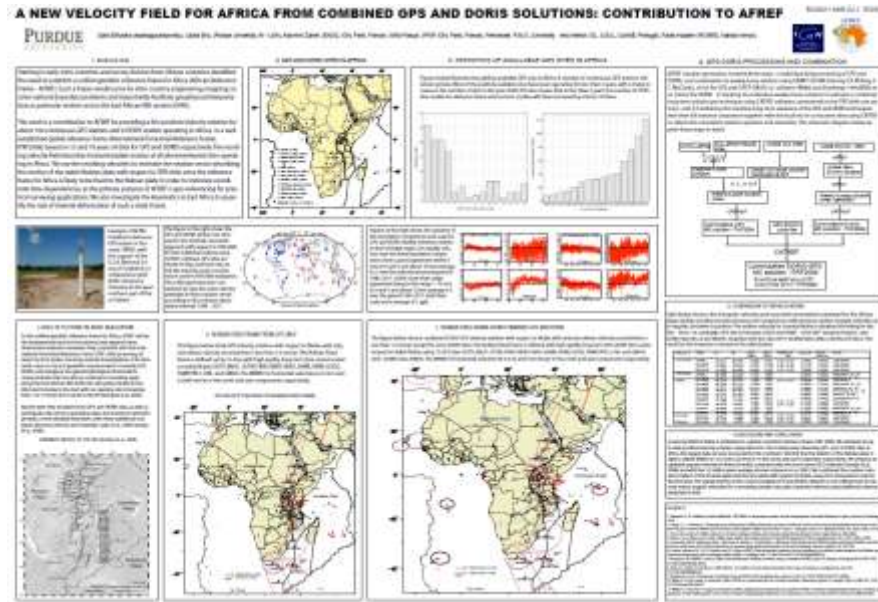
EGU2011 OSP Award Winners G

Elifuraha Saria

The 2011 Union Outstanding Student Poster (OSP) Award is awarded to Elifuraha Saria for the poster entitled:

A new velocity field for Africa from combined GPS and Doris Solutions: Contribution to Afref (Saria, E.; Calais, E.; Altamimi, Z.; Willis, P.; Fernandez, R.M.; Farah, H.).





EGU2011 OSP Award Winners G

Jan Martin Brockmann

The 2011 Union Outstanding Student Poster (OSP) Award is awarded to Jan Martin Brockmann for the poster entitled:

Use of massive parallel computing libraries in the context of global gravity field determination (Brockmann, J. M.; Schuh, W.-D.).



Administration / Elections

Markku Poutanen, president (2009-2010, re-elected 2011-2012)

Vice presidents:

- Michael Schmidt
- Johannes Bouman

Continuation of officers approved unanimously by the Business meeting

Elections 2012:

- **President;**
 - schedule: nominations in September;
 - election November (EGU members are voting)
- Next G Business meeting will elect/accept other officers of the division

Any other administrative topics?



Approval of the medal and award committees

- **Vening Meinesz medal committee:**
 - four past medalist + *ex officio* Geodesy Division President and EGU Award committee chair (both non-voting). Second-year medalist chairing the committee.
 - 2013 committee: *CK Schum*(1), *Harald Schuh* (2, chair), *Philip Woodworth* (3), *Susanna Zerbini* (4), [+ *Markku Poutanen*, *Alberto Montanari*].
- **Outstanding Young Scientist Award**
 - Division president + vice presidents + last medalist
- **Outstanding Student Poster Award**
 - Division president + vice presidents

Committees approved unanimously by the Business meeting

OPEN ACCESS JOURNAL

<http://www.solid-earth.net/>

We invite short communications, research articles, review articles & commentaries on all aspects of the Solid Earth, comprising observational, experimental, & theoretical investigations.

Main subject areas include geochemistry, **geodesy**, geodynamics, geomorphology, geophysics, magma and rock physics, magnetism, mineral physics, palaeontology, sedimentology, seismology, soil system science, stratigraphy, structural geology, tectonophysics & volcanology.



Topical meetings

DynaQlim workshop

LITHOSPHERE-CRYOSPHERE INTERACTIONS

Date: September 26-28, 2012

Place: Faculty of Earth Sciences, Ruhr University, Bochum, Germany

Invited speakers

Björn Lund, Uppsala University, Sweden

Ilmo Kukkonen, GTK, Espoo, Finland

Wouter van der Wal, TU Delft, Netherlands

Ingo Sasgen, GFZ, Potsdam, Germany

Holger Steffen, Univ. of Calgary, Canada

Topics

Geodetic studies

(Paleo)climatic changes

Mantle/lithosphere rheology

Neotectonics

[1st circular](#)



AOB

Thank you!

